

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
 Data File : BG041753.D
 Acq On : 23 Jul 2019 12:27
 Operator : HP/JU
 Sample : K3934-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2S

Quant Time: Jul 24 02:16:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

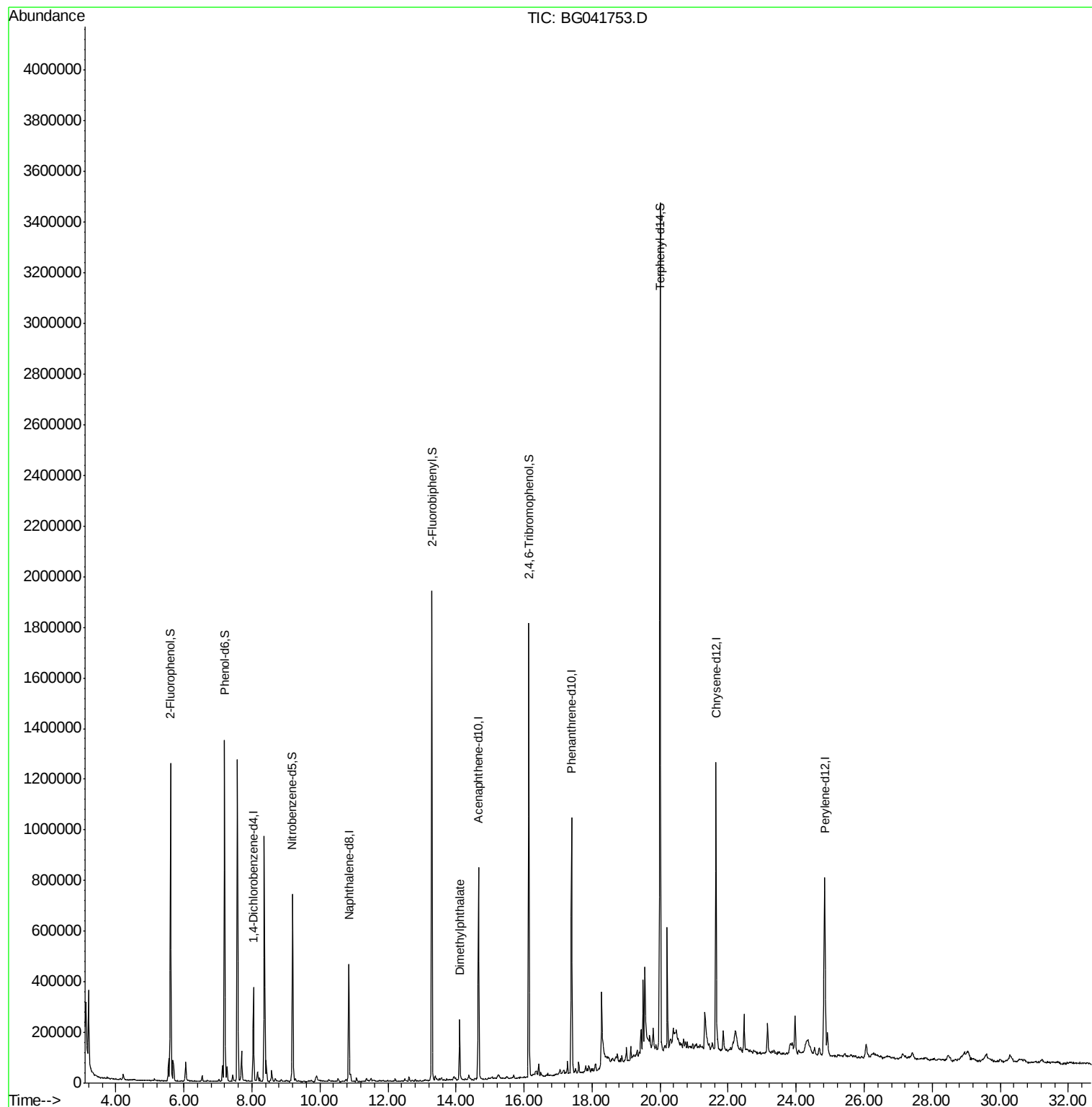
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	107986	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	432952	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	298459	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	653063	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	669405	20.00	ng	-0.02
87) Perylene-d12	24.84	264	784587	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	551668	83.51	ng	0.00
7) Phenol-d6	7.20	99	751428	84.57	ng	0.00
23) Nitrobenzene-d5	9.20	82	453509	63.70	ng	-0.02
42) 2,4,6-Tribromophenol	16.14	330	359847	106.98	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	1045650	54.25	ng	-0.01
79) Terphenyl-d14	20.00	244	1592374	55.59	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.11	163	164770	7.029	ng	Qvalue 99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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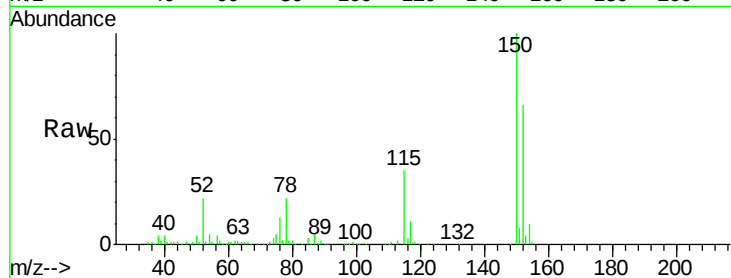


#1

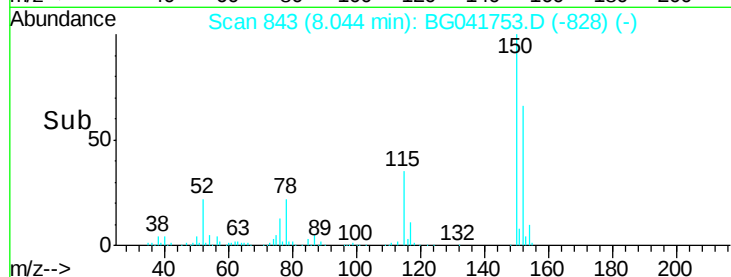
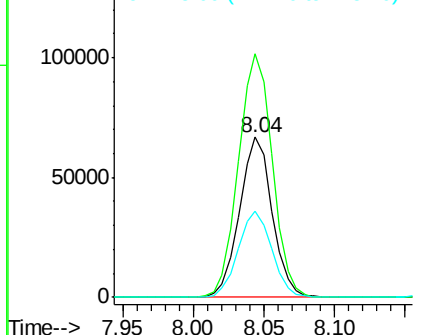
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041753.D
Acq: 23 Jul 2019 12:27

Instrument :
BNA_G
ClientSampleId :
TP-2S

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.9	190.3
115	53.7	45.0	67.6



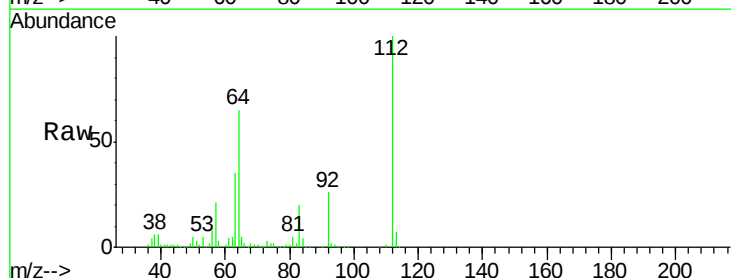
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



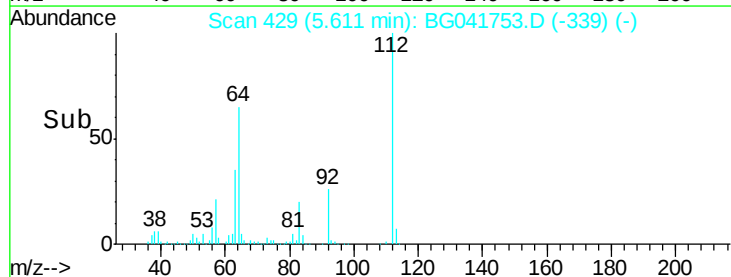
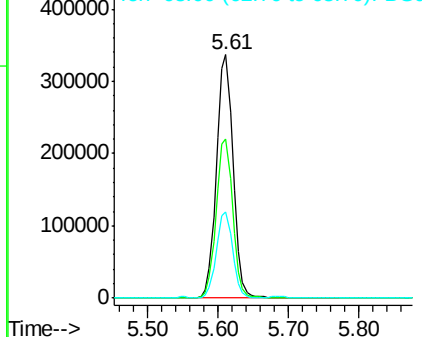
#5

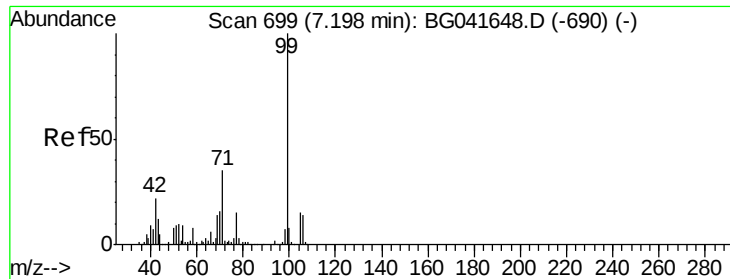
2-Fluorophenol
Concen: 83.514 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.00 min
Lab File: BG041753.D
Acq: 23 Jul 2019 12:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.2	55.4	83.2
63	35.2	29.1	43.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 84.574 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG041753.D

Acq: 23 Jul 2019 12:27

Instrument :

BNA_G

ClientSampleId :

TP-2S

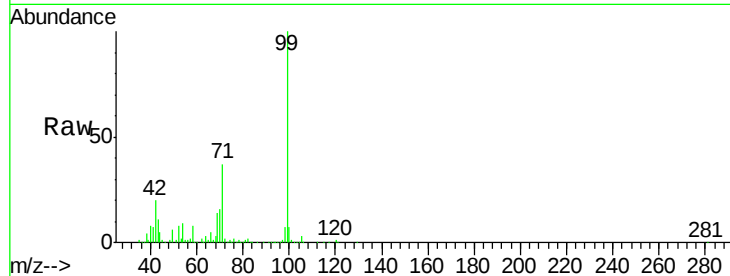
Tot Ion: 99 Resp: 751428

Ion Ratio Lower Upper

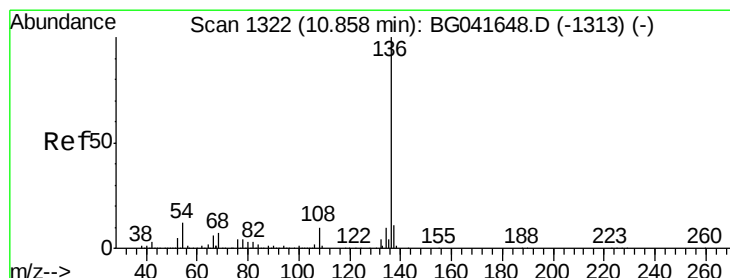
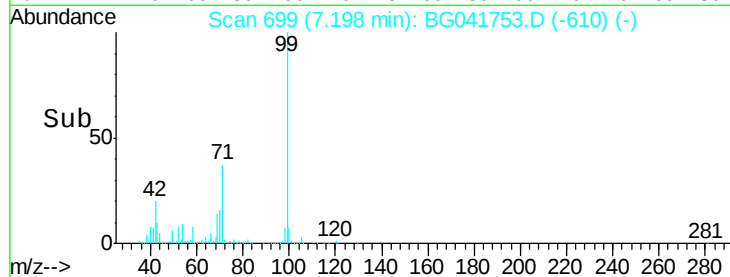
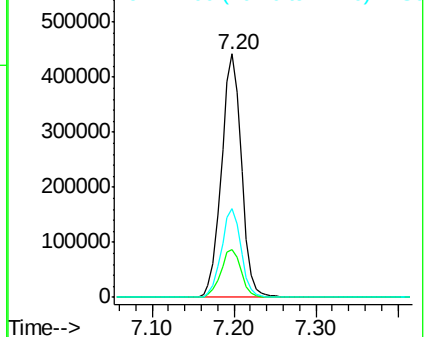
99 100

42 19.6 17.6 26.4

71 36.6 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG041753.D

Acq: 23 Jul 2019 12:27

Tgt Ion: 136 Resp: 432952

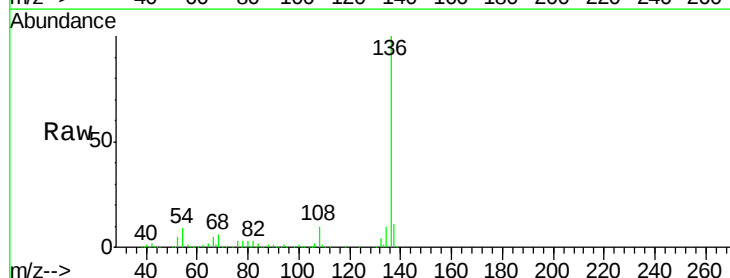
Ion Ratio Lower Upper

136 100

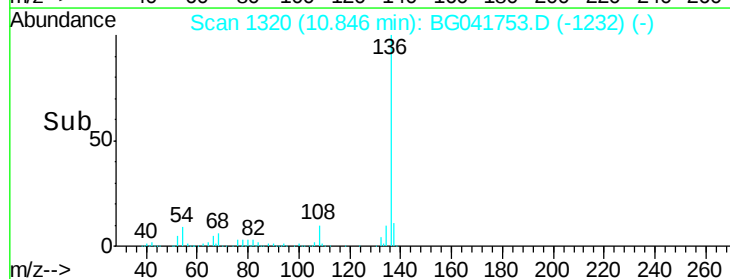
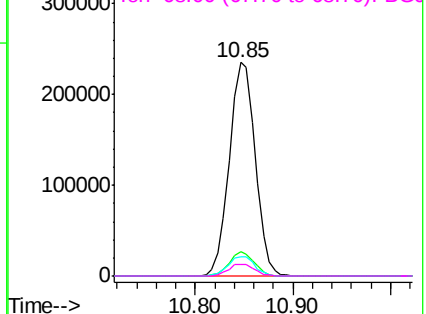
137 11.2 9.2 13.8

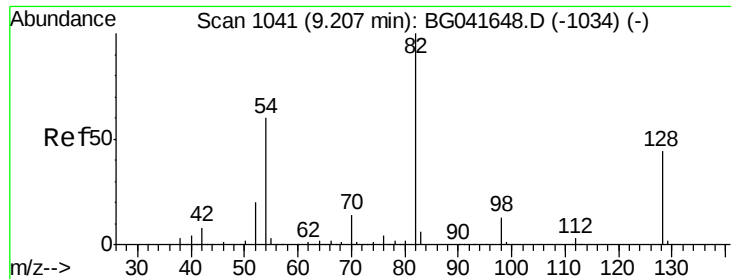
54 9.1 8.7 13.1

68 5.7 5.5 8.3



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

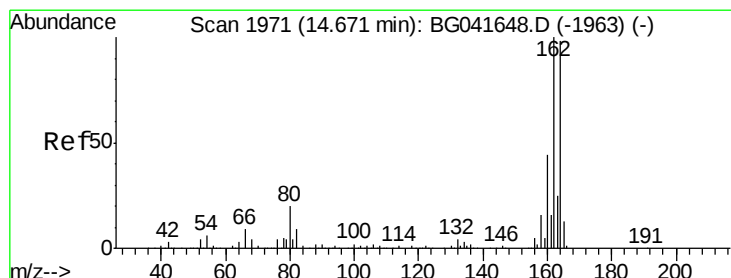
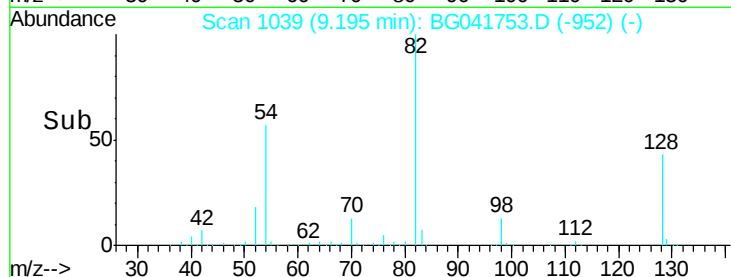
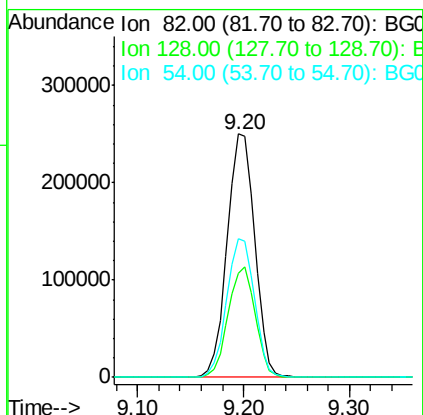
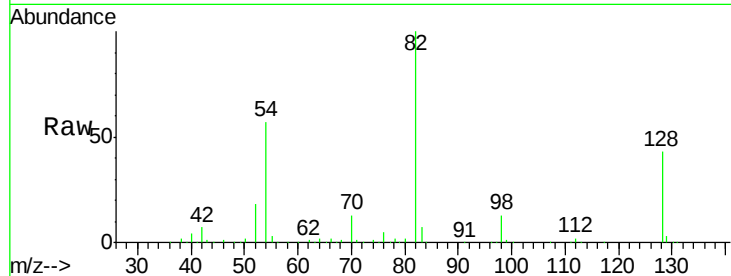




#23
Nitrobenzene-d5
Concen: 63.703 ng
RT: 9.20 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BG041753.D
Acq: 23 Jul 2019 12:27

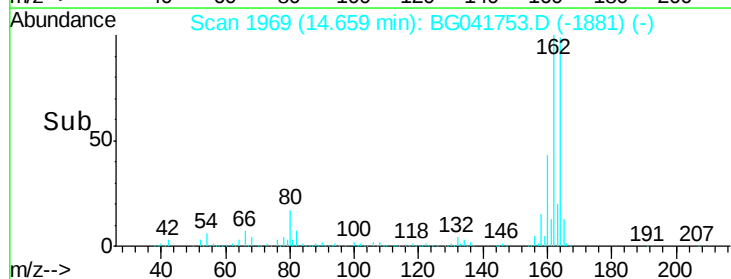
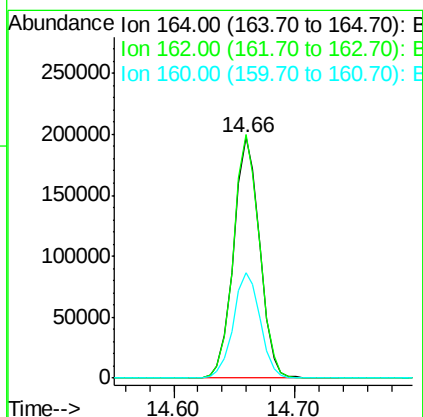
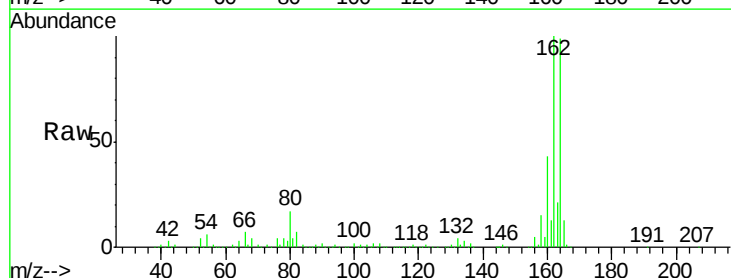
Instrument :
BNA_G
ClientSampleId :
TP-2S

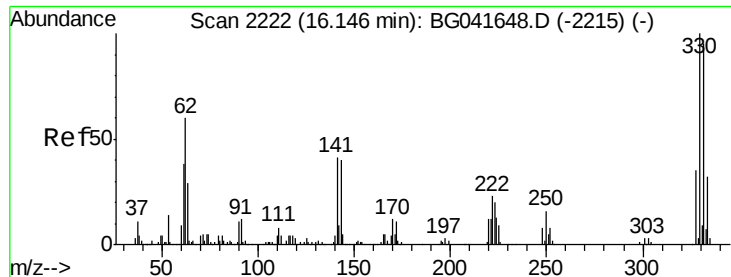
Tot Ion: 82 Resp: 453509
Ion Ratio Lower Upper
82 100
128 42.8 35.1 52.7
54 57.1 48.7 73.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG041753.D
Acq: 23 Jul 2019 12:27

Tgt Ion:164 Resp: 298459
Ion Ratio Lower Upper
164 100
162 101.1 79.6 119.4
160 43.8 35.4 53.0

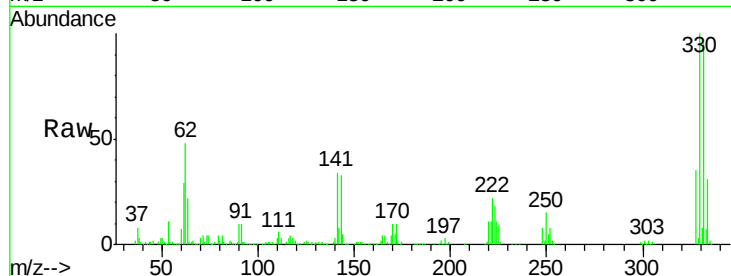




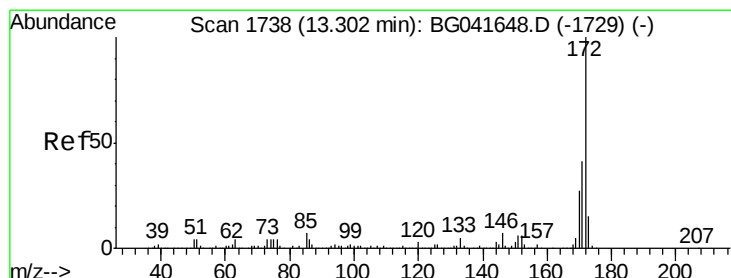
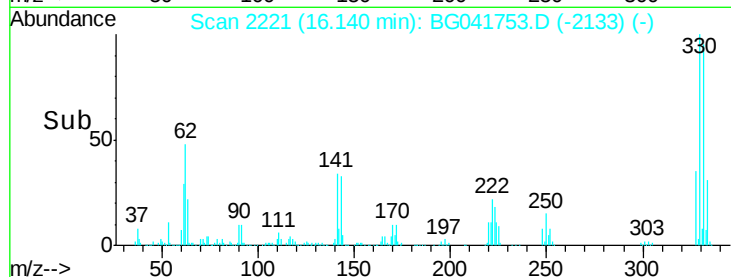
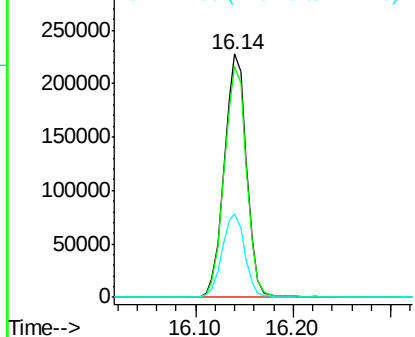
#42
 2,4,6-Tribromophenol
 Concen: 106.983 ng
 RT: 16.14 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG041753.D
 Acq: 23 Jul 2019 12:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-2S

Tot Ion:330 Resp: 359847
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.0
 141 34.9 31.9 47.9

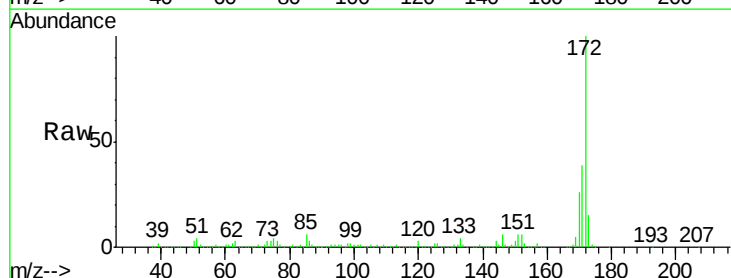


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

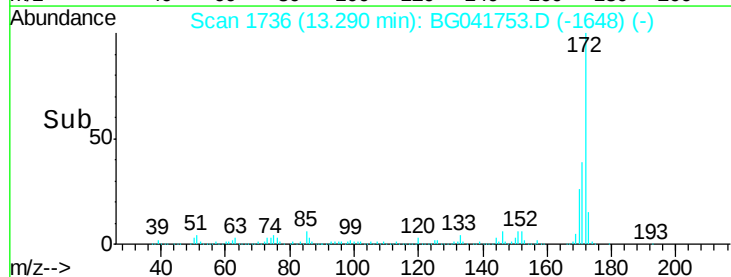
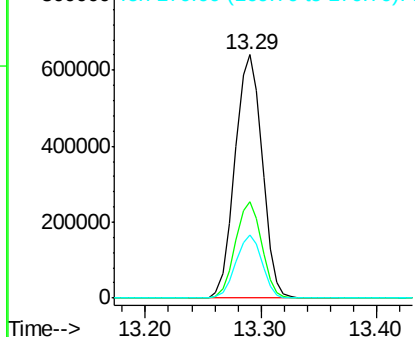


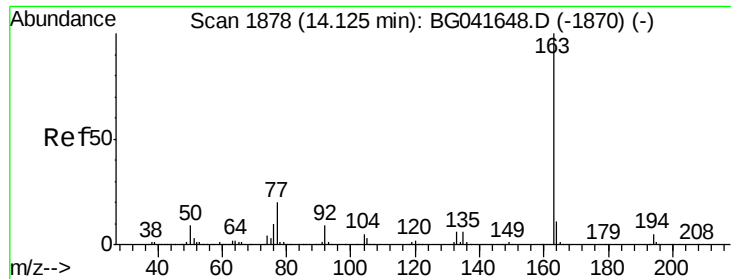
#45
 2-Fluorobiphenyl
 Concen: 54.252 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG041753.D
 Acq: 23 Jul 2019 12:27

Tgt Ion:172 Resp: 1045650
 Ion Ratio Lower Upper
 172 100
 171 39.5 35.0 52.4
 170 26.1 23.5 35.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.029 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG041753.D

Acq: 23 Jul 2019 12:27

Instrument :

BNA_G

ClientSampled :

TP-2S

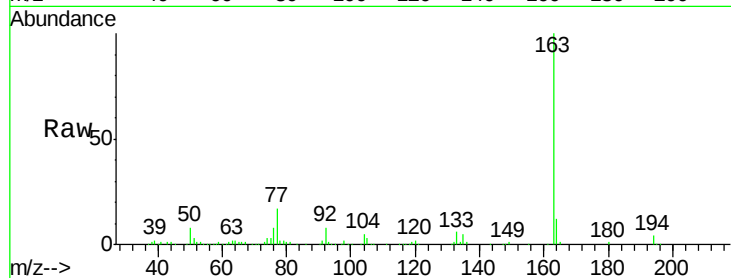
Tot Ion:163 Resp: 164770

Ion Ratio Lower Upper

163 100

194 4.5 4.2 6.2

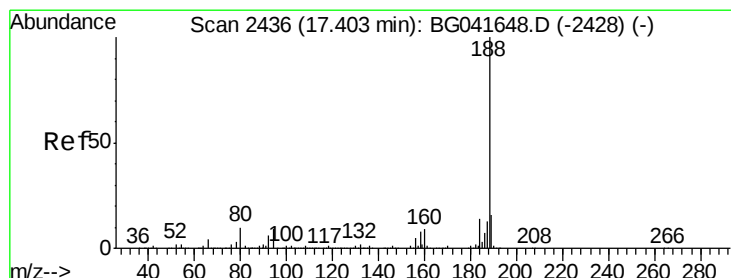
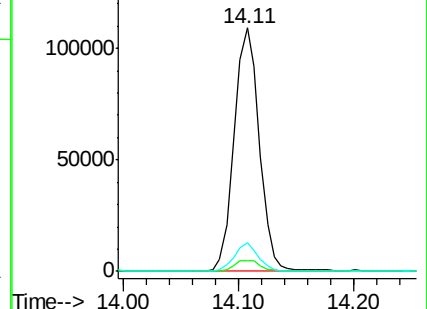
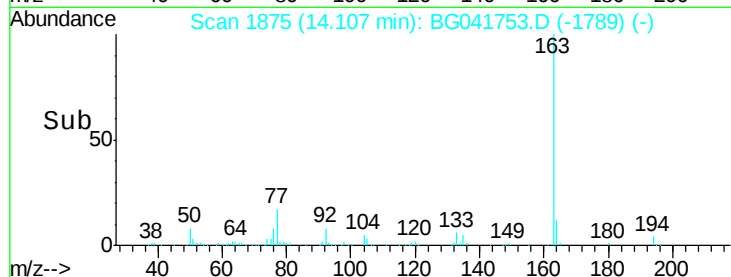
164 11.6 9.4 14.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG041753.D

Acq: 23 Jul 2019 12:27

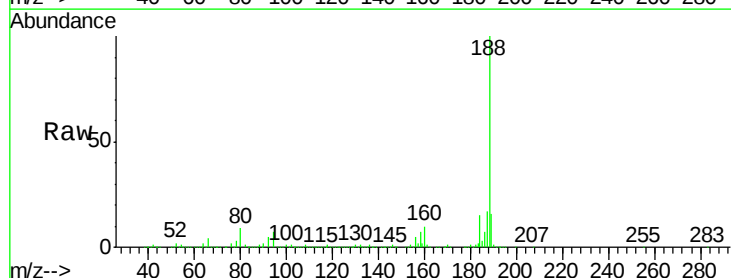
Tgt Ion:188 Resp: 653063

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

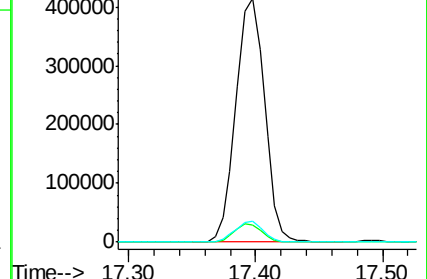
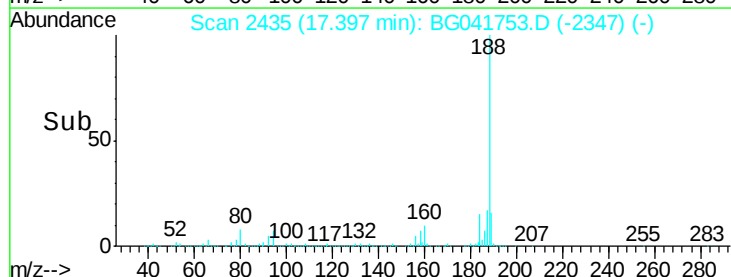
80 8.6 8.0 12.0

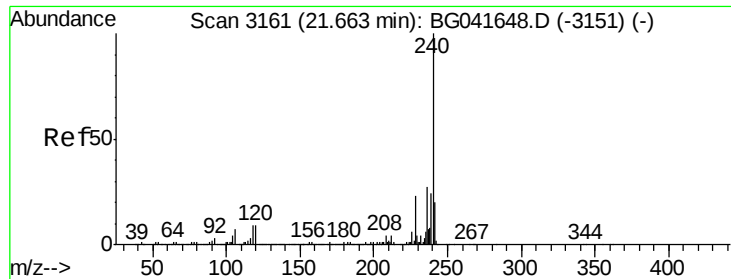


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3158

Delta R.T. -0.02 min

Lab File: BG041753.D

Acq: 23 Jul 2019 12:27

Instrument :

BNA_G

ClientSampled :

TP-2S

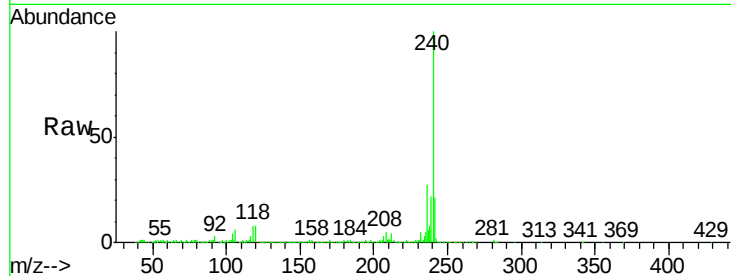
Tot Ion:240 Resp: 669405

Ion Ratio Lower Upper

240 100

120 8.1 8.0 12.0

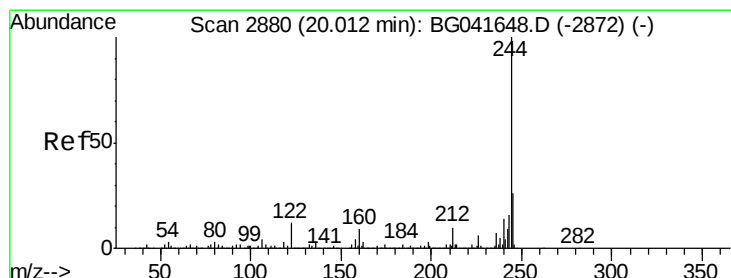
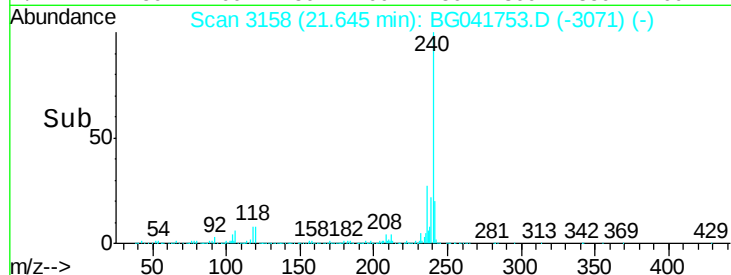
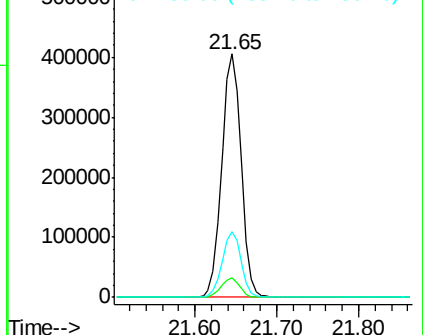
236 27.0 22.6 33.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 55.589 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG041753.D

Acq: 23 Jul 2019 12:27

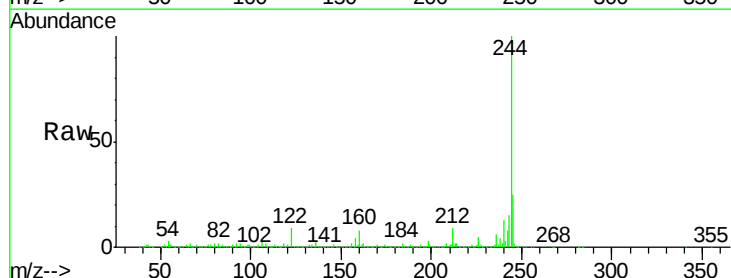
Tgt Ion:244 Resp: 1592374

Ion Ratio Lower Upper

244 100

212 8.6 9.7 14.5#

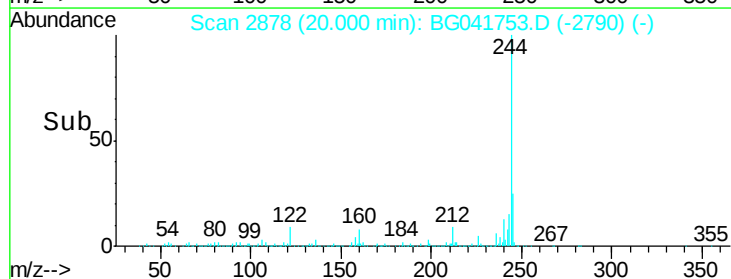
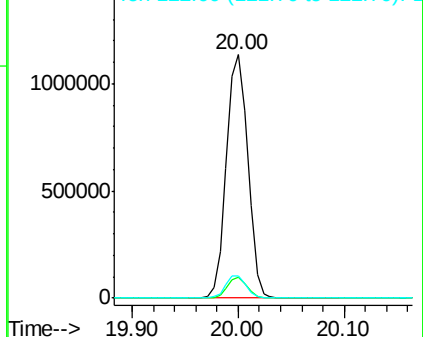
122 9.3 12.5 18.7#

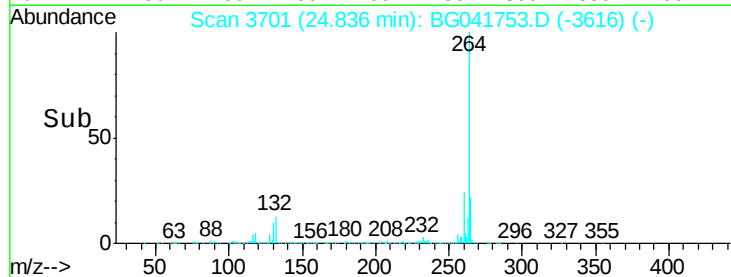
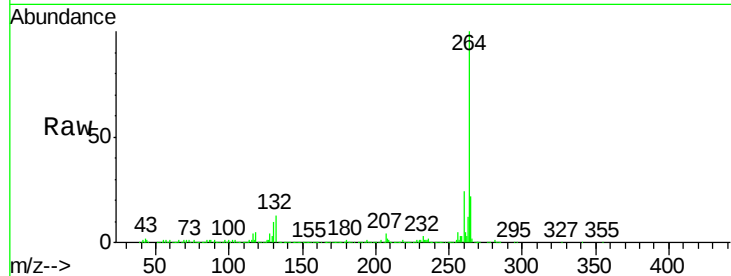
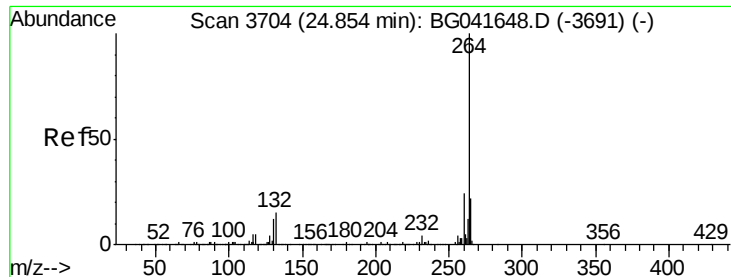


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.84 min Scan# 3701
 Delta R.T. -0.03 min
 Lab File: BG041753.D
 Acq: 23 Jul 2019 12:27

Instrument :
 BNA_G
 ClientSampleId :
 TP-2S

Tot Ion:264	Resp:	784587
Ion Ratio	Lower	Upper
264 100		
260 24.0	19.5	29.3
265 22.4	18.0	27.0

